

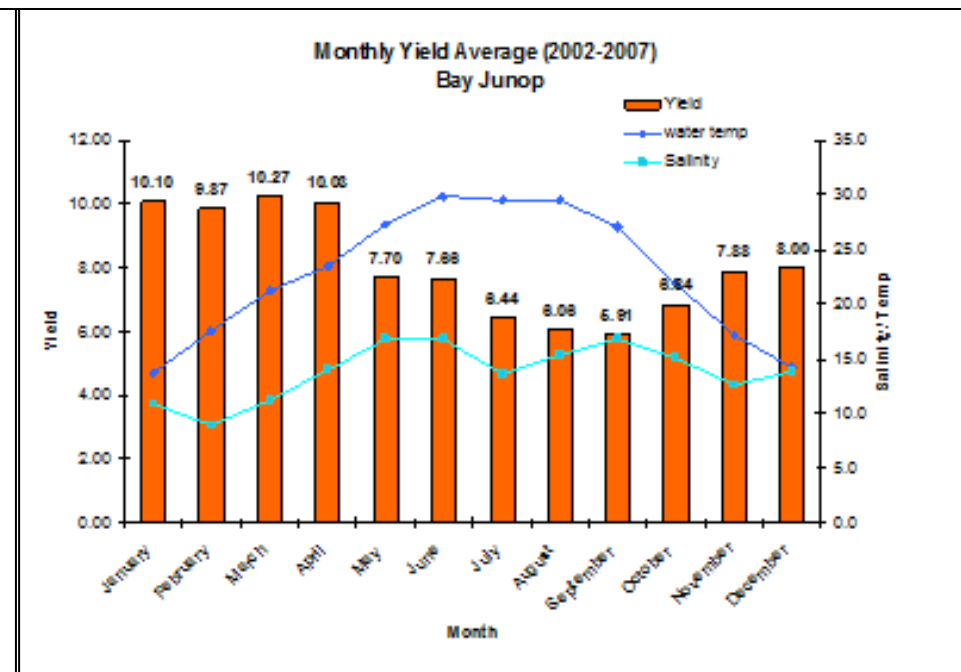
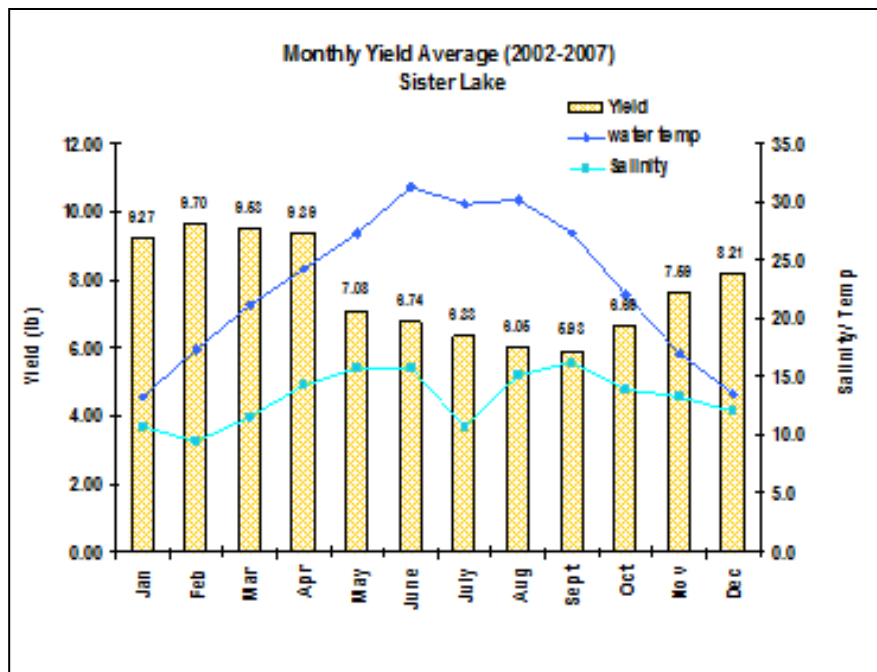


Oyster Program Update

Louisiana Oyster Task Force
New Orleans, La January 17, 2017

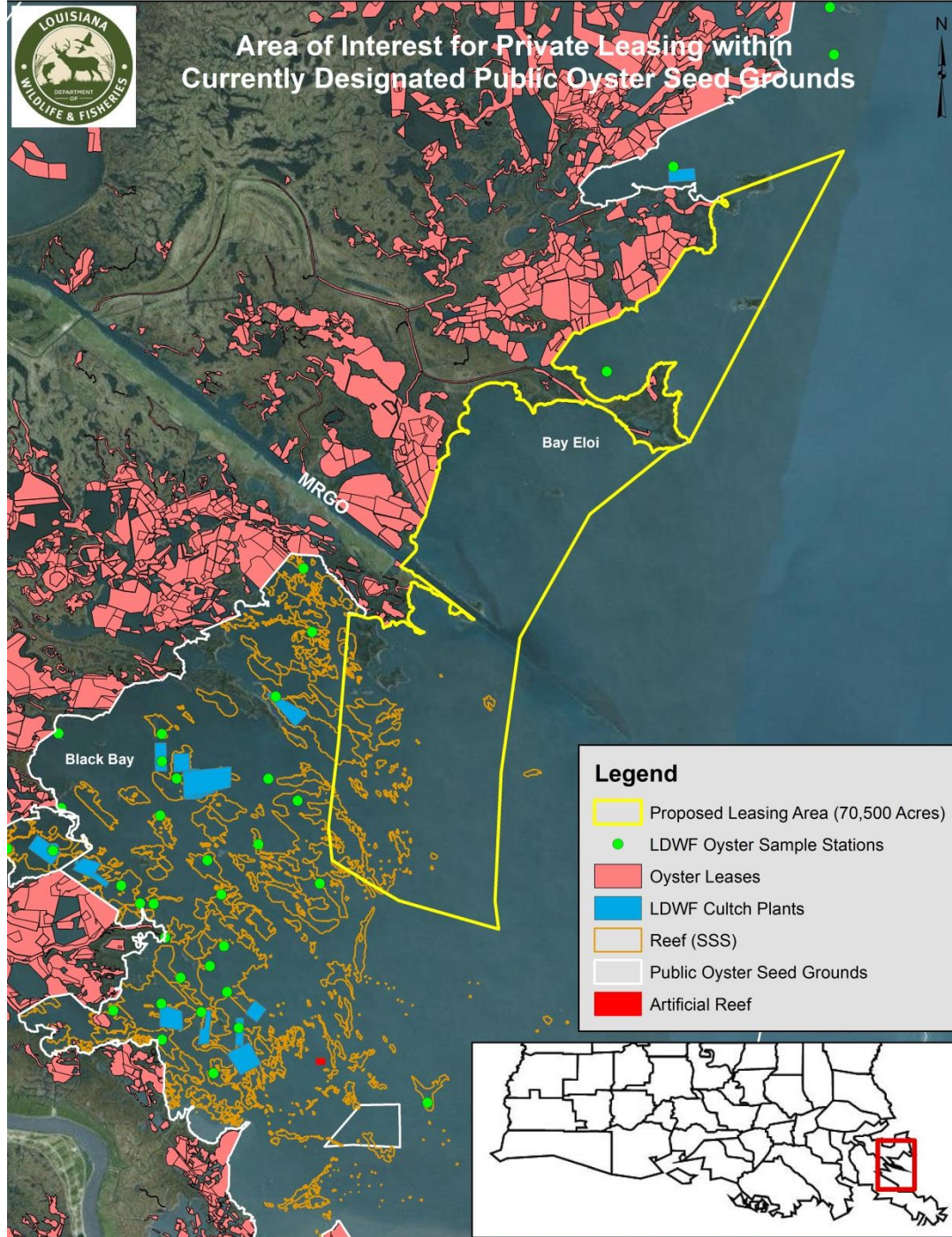
Revisit Sack-Yield Issue?

- NOAA conversion: 6.47 lbs/sack
- Need conversion factor that is representative of spatial, temporal, and harvest practice variation in Louisiana sacks
- Previous study from 2002-2007 (Kinsey et al) addressed temporal variation in “maximum” sacks
- Currently considering feasibility of a year-long, statewide study





Area of Interest for Private Leasing within Currently Designated Public Oyster Seed Grounds



Legend

- Proposed Leasing Area (70,500 Acres)
- LDWF Oyster Sample Stations
- Oyster Leases
- LDWF Cultch Plants
- Reef (SSS)
- Public Oyster Seed Grounds
- Artificial Reef

Proposed

New Lease Area:

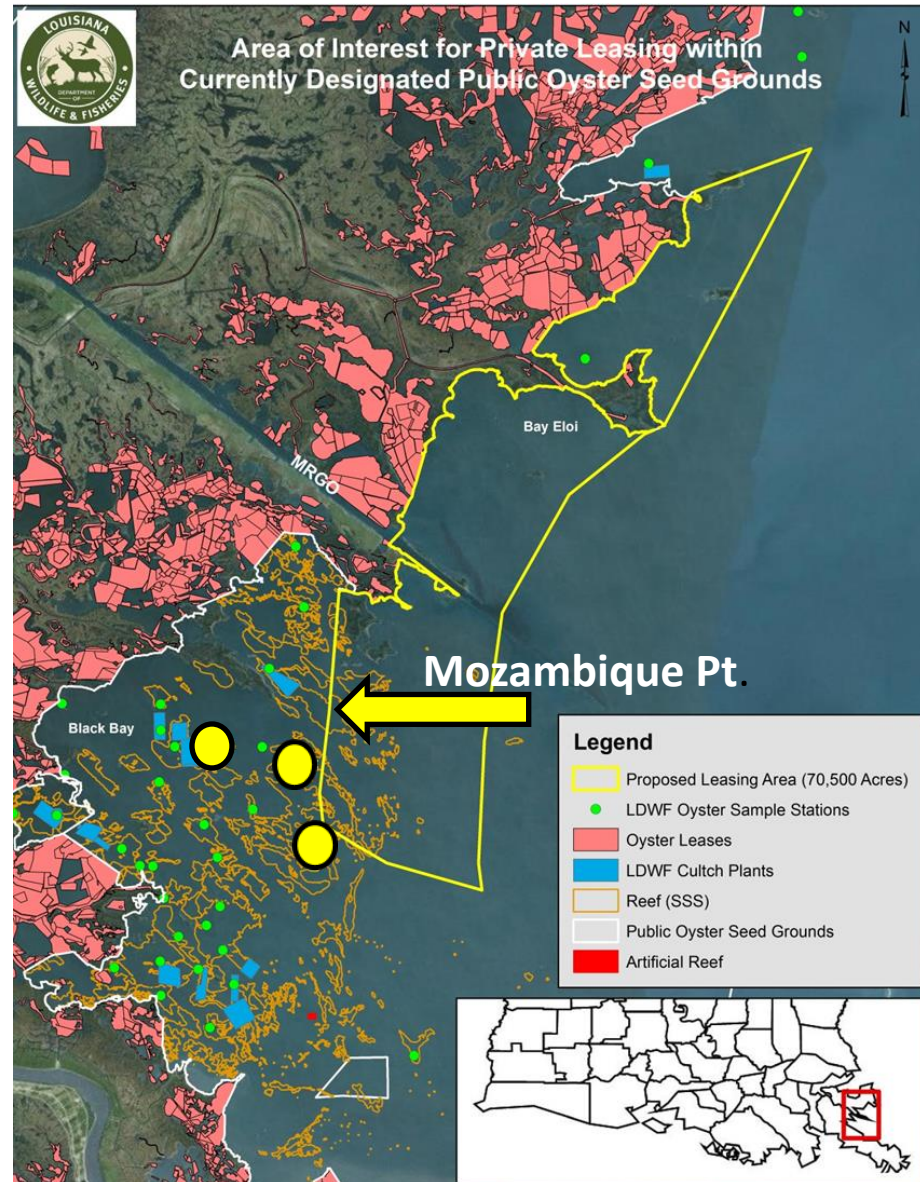
70,500 acres

Original OTF Proposal:

~80,000 acres

CSA1S Oyster Transplant

- LDWF sampling indicates extremely sparse resource East of MS River/south of Mozambique Point
- No recent spatfall observed
- Production expected in fall: adequate salinity
- Indicates broodstock may be the issue
- Transplanting oysters to 3 areas in outer Black Bay to attempt to trigger spawning event



- Transplant 1: November 16, 2016 12 sacks at 3 sites (36 sacks total)**
- After 1 month: Heavy Fouling, low mortality**
- 2 more transplants planned**

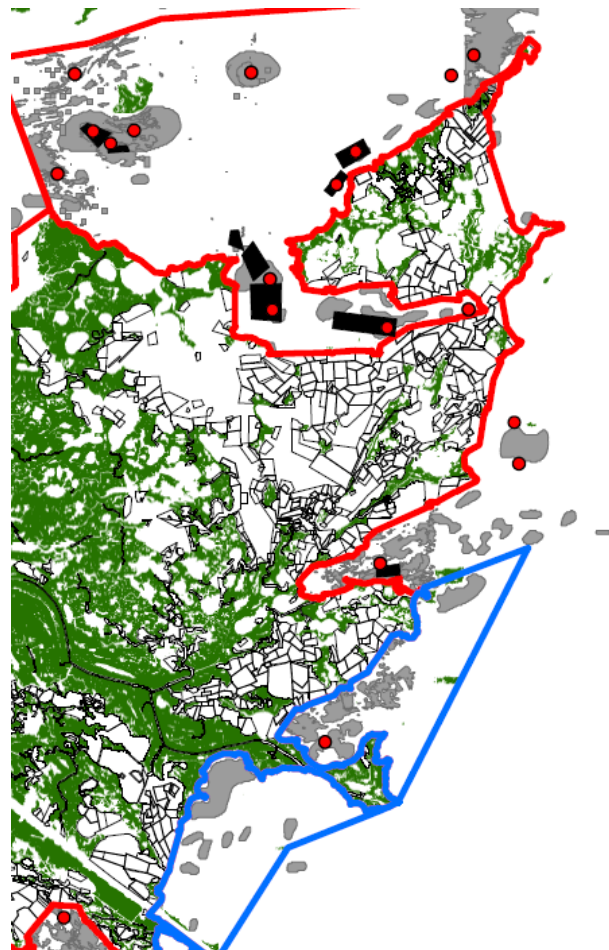


CSA1N Mortality Event: July-September Differences

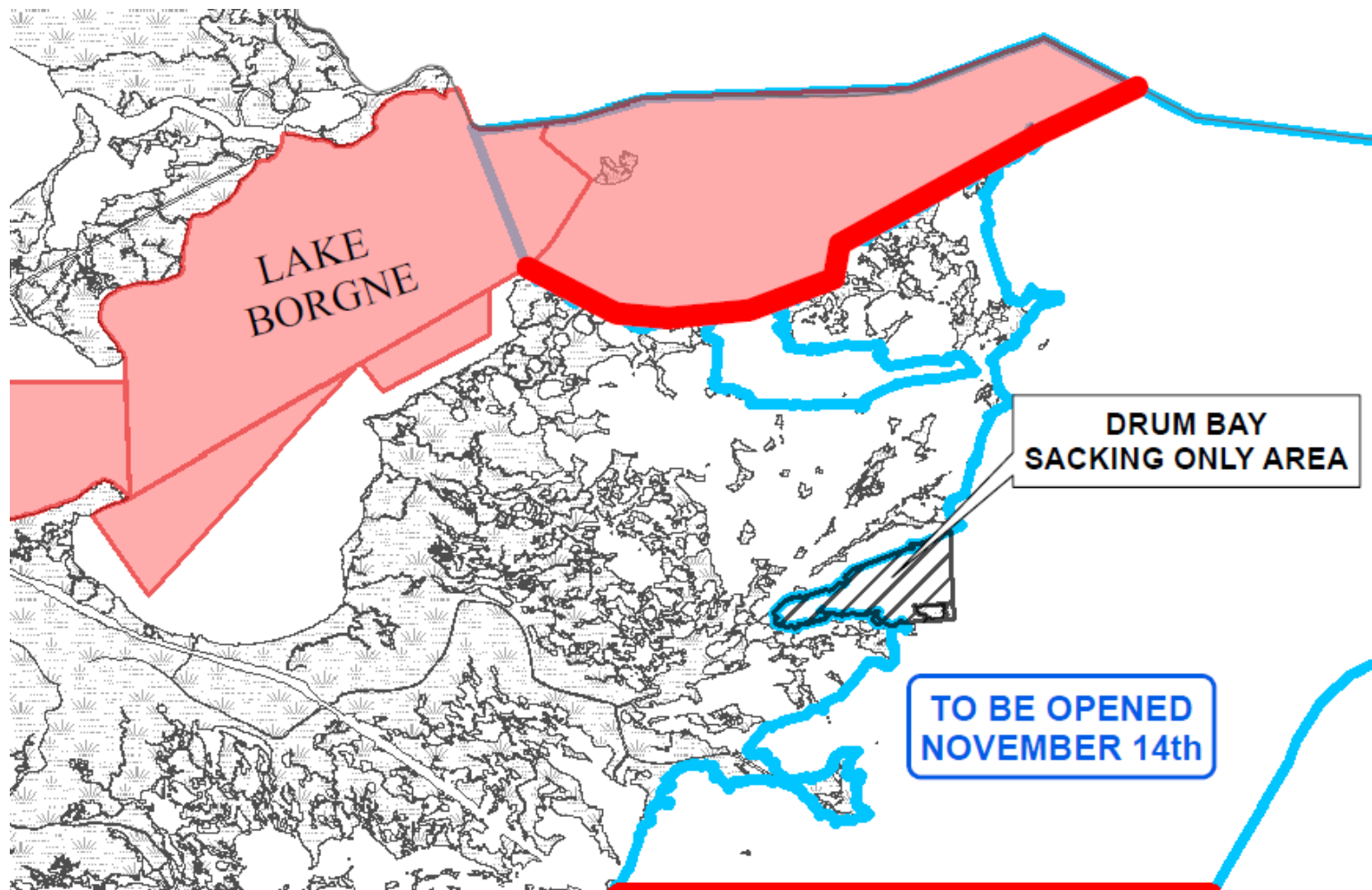
AREA	SEED	SACK
Halfmoon	-83%	-94%
Round Is.	-80%	-100%
3-mile CP	-71%	-100%
3-mile/ Karako	+14%	+100%
Grand Pass	+66%	+66%
Drum Bay	+78%	-33%
DB CP	+2300%	+483%
TOTAL	+55%	-23%

Private Lease Survey: Underway (25 contacts)
Primary areas affected: Eloi/Deeper Waters

Likely
Contributing
Factors:
 -High Temp
 -Low Oxygen
 -Disease
 -Reproduction
 -Freshwater
 “Perfect Storm”



2016/2017 CSA-1N Season:



2016/2017 CSA-1N Season:

Season Opening:	Nov. 14, 2016	-Closure Area: Mortality/DHH Boundaries -Sacking Area: Drum Bay – Heavy ‘15/’16 Hvst
Seed Harvest Closure:	Nov. 20, 2016	-Concentrated Harvest -Large Percentage Harvested -Bedloads: 50% non-living reef
Full Closure:	Jan 8, 2017	-Seed Threshold Exceedance -Low Vessel Counts -Low Average Daily Harvest

2016/2017 CSA-1N Season Summary:

Parameter	Seed (Barrels)	Sacks
Harvest Estimate	32,365 (40% PS)	13,562 (16% PS)
Available Stock	-75%	7%
Shell Budget	180%	198%

2016 July Stock Assessment: CSA-1N

-Future Seasons:

- Possible Rotational Sacking Only/Closure Areas (Sister Lake system?)
- Build population to increase harvest and resistance to environmental stress

